

**LATERAL LEAF SPRING WITH INBOARD  
AIR SPRING TRAILER SUSPENSION**

**ABSTRACT OF THE DISCLOSURE**

A vehicle suspension system is provided that includes a frame and pair of laterally spaced apart upper control arms pivotally supported by the frame at pivotal connections. A knuckle is connected to each of the upper control arms. A leaf spring is connected to the lower portion of the knuckles at pivotal connections and serves as the lower control arms. The upper control arms extend away from the knuckles, and air springs are arranged between the upper control arms and the frame. A pressurized air system is connected to the air springs to control the air springs for providing desired ride characteristics.

N:\Clients\MERITOR\IP01396\PATENT\utility application.doc